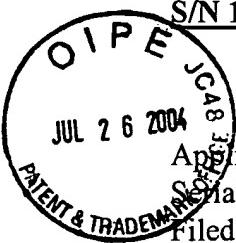


IPW
S/N 10/619,886

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen R Carter Examiner: Unknown
Serial No.: 10/619,886 Group Art Unit: 2155
Filed: July 15, 2003 Docket: 1565.055US1
Title: DYNAMIC ROUTING THROUGH A CONTENT DISTRIBUTION NETWORK

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

The following documents were discovered as a result of a Search Report in Applicants' corresponding foreign patent application:

US 2003/0039212 A1 for a "Method and apparatus for the assessment and optimization of network traffic", published Feb. 27, 2003.

Ash, G., "Traffic Engineering & QoS Methods for IP-, ATM-, & TDM-Based Multiservice Networks", Network Working Group Internet Draft, (Oct 2001), 1-29.

Lee, D. S., et al., "Performance Analysis of a Threshold-Based Dynamic Routing Algorithm", Fundamental Role of Teletraffic in the Evolution of Telecommunications Networks, Proceedings of the 14th International Teletraffic Congress – ITC, 1B, (1994), 1475-1484.

Enclosed for the Examiner's information are copies of the above-listed non-patent literature documents and the Search Report.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/619,886

Filing Date: July 15, 2003

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Page 2
Dkt: 1565.055US1

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement.

The present application is a U.S. patent application filed after June 30, 2003. Thus, Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

STEPHEN R CARTER

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(513) 942-0224

Date 7-21-04

By Joseph P. Mehrle
Joseph P. Mehrle
Reg. No. 45,535

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21ST day of July, 2004.

Name JAMES KANYSIK

James Kanysik
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen R Carter

Title: DYNAMIC ROUTING THROUGH A CONTENT DISTRIBUTION NETWORK

Docket No.: 1565.055US1

Filed: July 15, 2003

Examiner: Unknown

Serial No.: 10/619,886

Due Date: N/A

Group Art Unit: 2155

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



We are transmitting herewith the following attached items (as indicated with an "X"):

- A return postcard.
- A Communication Concerning Related Application (1 pg.).
- A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 3 cited documents.
- European Search Report (2 pgs.).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer Number 21186

By: Joseph P. Mehrle
Atty: Joseph P. Mehrle
Reg. No. 45,535

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21st day of July, 2004.

Name

JAMES KANYUSIK

Signature

James Kanyusik

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)



S/N 10/619,886

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen R. Carter Examiner: Unknown
Serial No.: 10/619,886 Group Art Unit: 2155
Filed: July 15, 2003 Docket: 1565.055US1
Title: DYNAMIC ROUTING THROUGH A CONTENT DISTRIBUTION
NETWORK

COMMUNICATION CONCERNING RELATED APPLICATION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant would like to bring to the Examiner's attention the following related application in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10/285271	October 31, 2002	1565.014US1	ENRICHED TREE FOR A CONTENT DISTRIBUTION NETWORK

Respectfully submitted,

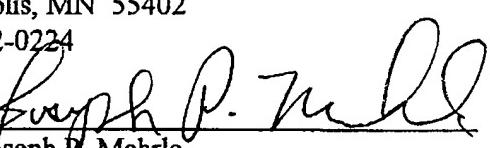
STEPHEN R. CARTER

By Applicant's Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(513) 942-0224

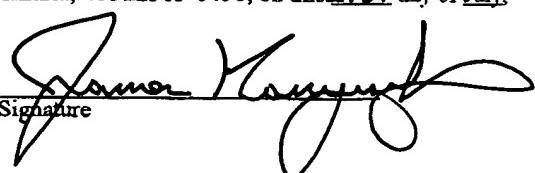
Date 7 - 21 - 04

By


Joseph P. Mehrle
Reg. No. 45,535

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21ST day of July, 2004.

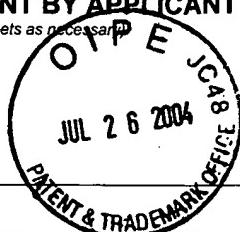
JAMES KANYUSIK
Name


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

Application Number	10/619,886
Filing Date	July 15, 2003
First Named Inventor	Carter, Stephen
Group Art Unit	2155
Examiner Name	Unknown

Attorney Docket No: 1565.055US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-2003/0039212 A1	02/27/2003	Lloyd, M. A., et al.	G01R	31/08	10/17/2001
	US-6,047,331	04/04/2000	Medard, Muriel , et al.	709	239	02/19/1997

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ASH, G , "Traffic Engineering & QoS Methods for IP-, ATM-, & TDM-Based Multiservice Networks", Network Working Group Internet Draft, (Oct. 2001),1-29	
		LEE, D. S., et al., "Performance Analysis of a Threshold-Based Dynamic Routing Algorithm", Fundamental Role of Teletraffic in the Evolution of Telecommunications. Networks. Proceedings of the 14th International Teletraffic Congress - ITC 14, 1B, (1994),1475-1484	
		WITTMANN, et al., "Multicast Communication, 10 Protocols and Applications", XP002173748, Morgan Kaufmann Publishers, San Francisco, (05/2000), 66-67	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached